

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE111616\  
 Data File : BE092538.D  
 Acq On : 16 Nov 2016 17:51  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Nov 17 04:51:26 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE111616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 16 15:43:18 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.14  | 152  | 7250     | 5.00 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.93 | 136  | 35245    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.80 | 164  | 24867    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 17.56 | 188  | 55313    | 5.00 | ng    | 0.00     |
| 24) Chrysene-d12          | 21.72 | 240  | 81948    | 5.00 | ng    | 0.00     |
| 31) Perylene-d12          | 24.08 | 264  | 70413    | 5.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.68  | 112  | 487      | 0.40 | ng    | 0.00     |
| 5) Phenol-d6                | 7.36  | 99   | 600      | 0.40 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.36  | 82   | 741      | 0.40 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol    | 16.31 | 330  | 194      | 0.35 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl        | 13.43 | 172  | 2406     | 0.40 | ng    | 0.00     |
| 26) Terphenyl-d14           | 20.17 | 244  | 3496     | 0.37 | ng    | 0.00     |

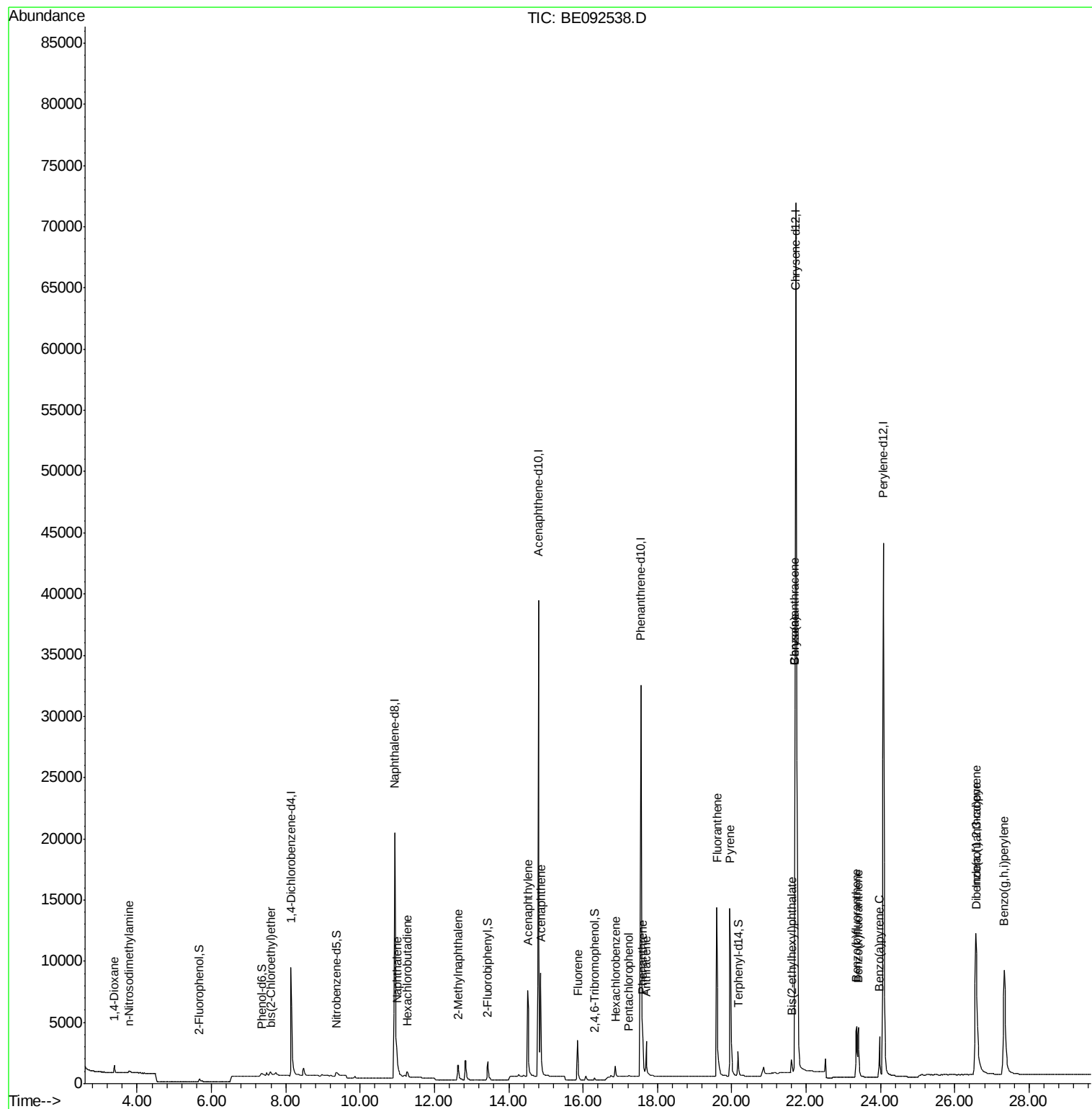
| Target Compounds               | R.T.  | QIon | Response | Conc | Units | Qvalue |
|--------------------------------|-------|------|----------|------|-------|--------|
| 2) 1,4-Dioxane                 | 3.39  | 88   | 447      | 0.42 | ng    | 94     |
| 3) n-Nitrosodimethylamine      | 3.78  | 42   | 365      | 0.47 | ng    | # 96   |
| 6) bis(2-Chloroethyl)ether     | 7.59  | 93   | 666      | 0.34 | ng    | # 85   |
| 9) Naphthalene                 | 10.99 | 128  | 2941     | 0.40 | ng    | 96     |
| 10) Hexachlorobutadiene        | 11.26 | 225  | 461      | 0.42 | ng    | 100    |
| 11) 2-Methylnaphthalene        | 12.64 | 142  | 1809     | 0.39 | ng    | 93     |
| 15) Acenaphthylene             | 14.51 | 152  | 13176    | 0.38 | ng    | 100    |
| 16) Acenaphthene               | 14.87 | 154  | 2218     | 0.39 | ng    | 94     |
| 17) Fluorene                   | 15.86 | 166  | 2761     | 0.39 | ng    | 98     |
| 19) Hexachlorobenzene          | 16.87 | 284  | 1085     | 0.50 | ng    | # 86   |
| 20) Pentachlorophenol          | 17.24 | 266  | 178      | 0.52 | ng    | 96     |
| 21) Phenanthrene               | 17.60 | 178  | 5045     | 0.41 | ng    | # 74   |
| 22) Anthracene                 | 17.70 | 178  | 4655     | 0.40 | ng    | 98     |
| 23) Fluoranthene               | 19.59 | 202  | 23213    | 0.40 | ng    | 99     |
| 25) Pyrene                     | 19.95 | 202  | 24256    | 0.37 | ng    | 100    |
| 27) Benzo(a)anthracene         | 21.70 | 228  | 56383    | 0.81 | ng    | 99     |
| 28) Chrysene                   | 21.70 | 228  | 56692    | 0.81 | ng    | # 79   |
| 29) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 1765     | 0.44 | ng    | # 73   |
| 30) Indeno(1,2,3-cd)pyrene     | 26.56 | 276  | 28801    | 0.42 | ng    | 98     |
| 32) Benzo(b)fluoranthene       | 23.36 | 252  | 6895     | 0.40 | ng    | 97     |
| 33) Benzo(k)fluoranthene       | 23.41 | 252  | 6582     | 0.37 | ng    | 99     |
| 34) Benzo(a)pyrene             | 23.97 | 252  | 5858     | 0.37 | ng    | 98     |
| 35) Dibenzo(a,h)anthracene     | 26.58 | 278  | 5770     | 0.37 | ng    | # 96   |
| 36) Benzo(g,h,i)perylene       | 27.33 | 276  | 25171    | 0.38 | ng    | 99     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 16 15:43:18 2016  
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

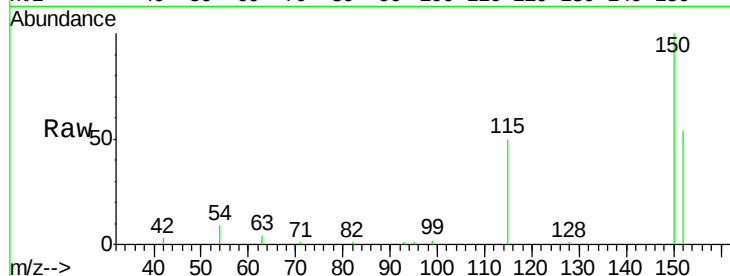
Tgt Ion:152 Resp: 7250

Ion Ratio Lower Upper

152 100

150 184.3 106.0 159.0#

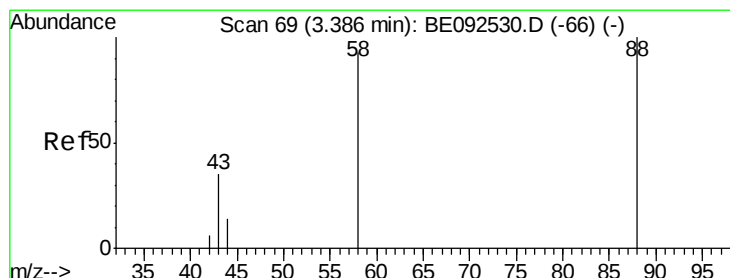
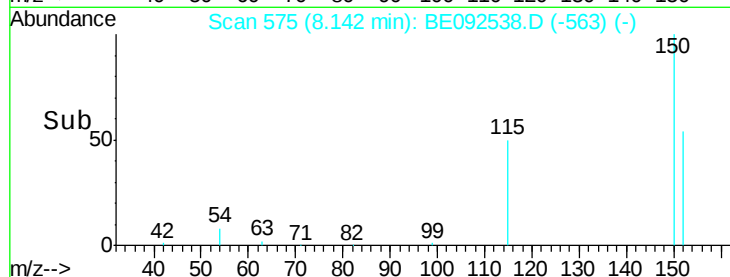
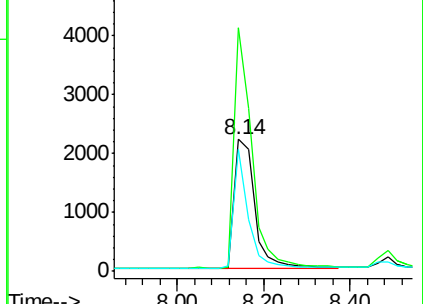
115 92.7 31.2 46.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.42 ng

RT: 3.39 min Scan# 69

Delta R.T. -0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

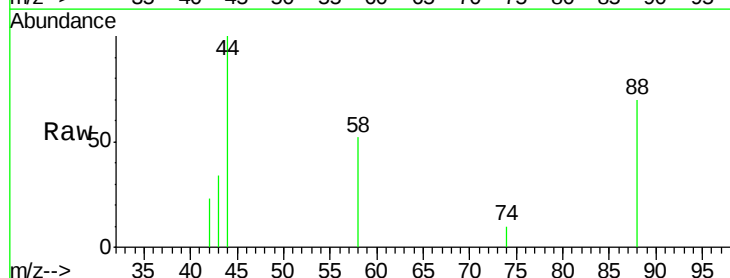
Tgt Ion: 88 Resp: 447

Ion Ratio Lower Upper

88 100

58 74.5 63.6 95.4

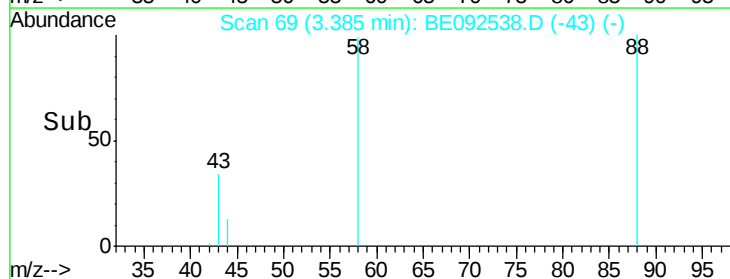
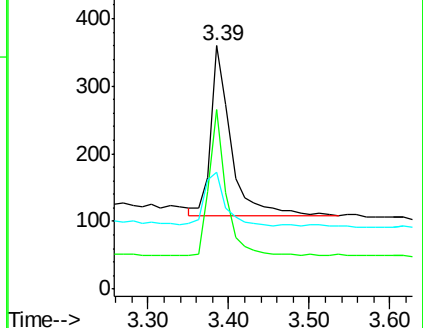
43 30.2 28.0 42.0

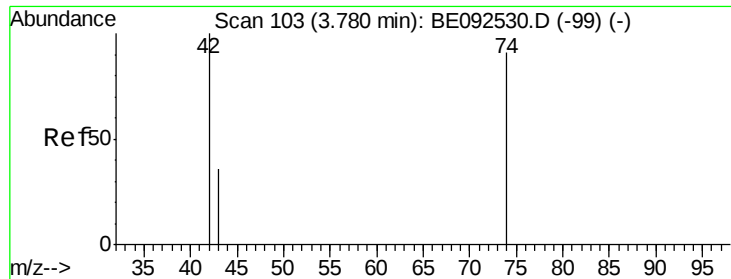


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.47 ng

RT: 3.78 min Scan# 103

Delta R.T. -0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

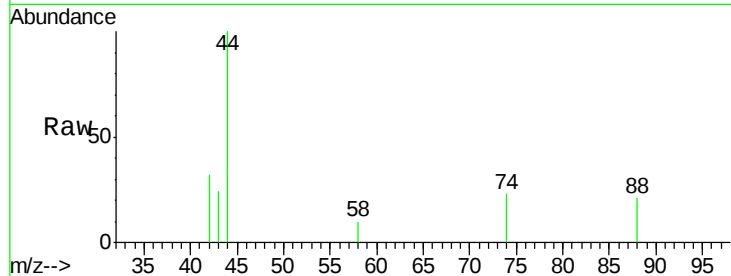
Tgt Ion: 42 Resp: 365

Ion Ratio Lower Upper

42 100

74 104.7 86.0 129.0

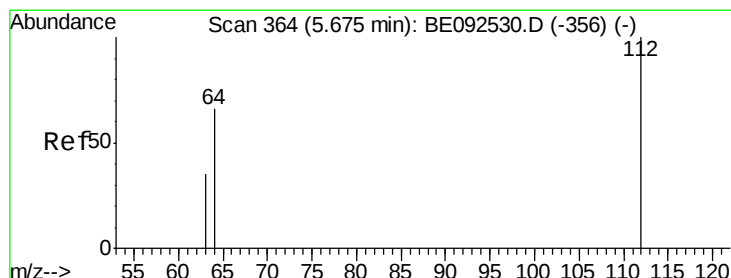
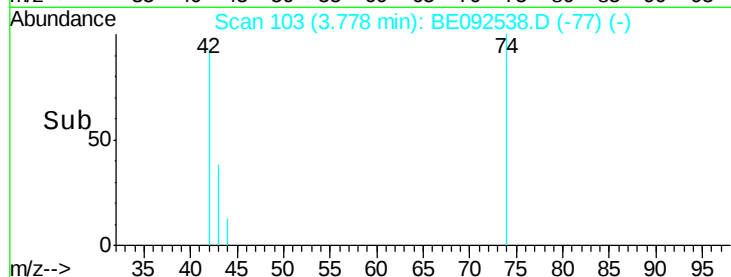
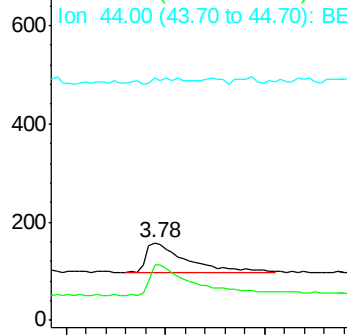
44 15.9 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.40 ng

RT: 5.68 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

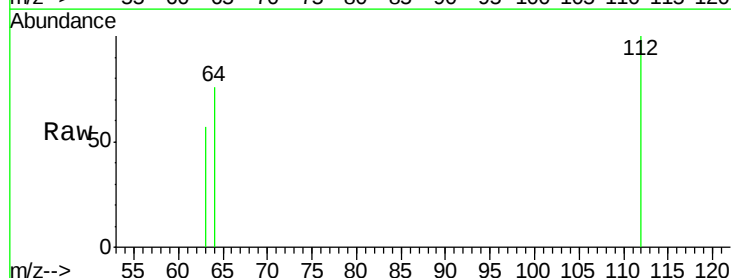
Tgt Ion: 112 Resp: 487

Ion Ratio Lower Upper

112 100

64 69.0 53.5 80.3

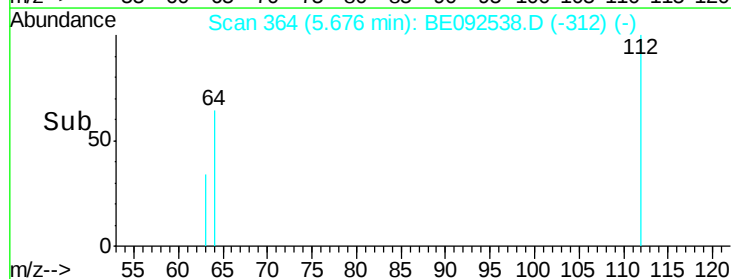
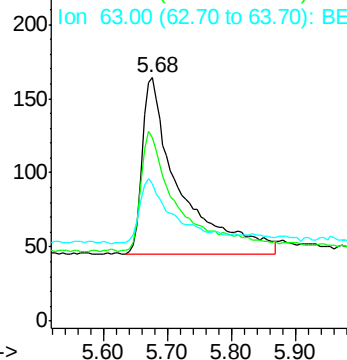
63 34.7 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.40 ng

RT: 7.36 min Scan# 541

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

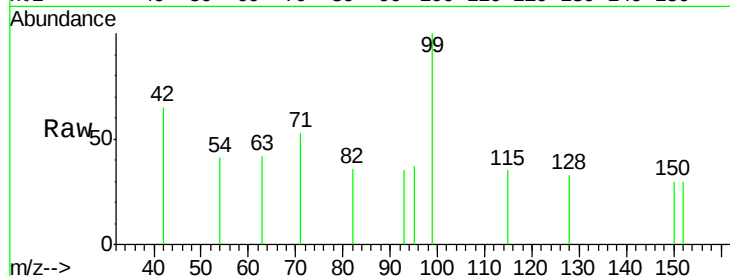
Tgt Ion: 99 Resp: 600

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 0.0 30.6 45.8#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.36

150

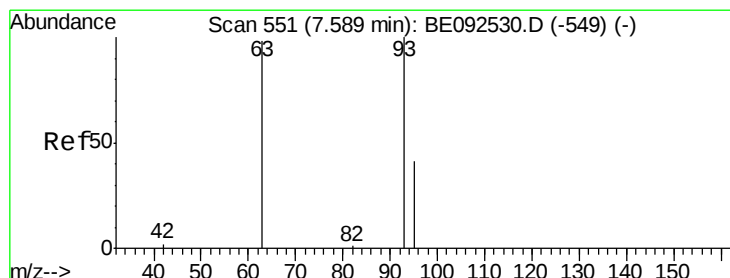
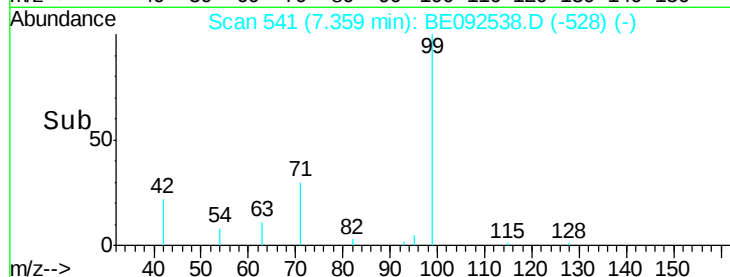
100

50

0

Time-->

7.20 7.30 7.40 7.50 7.60



#6

bis(2-Chloroethyl)ether

Concen: 0.34 ng

RT: 7.59 min Scan# 551

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

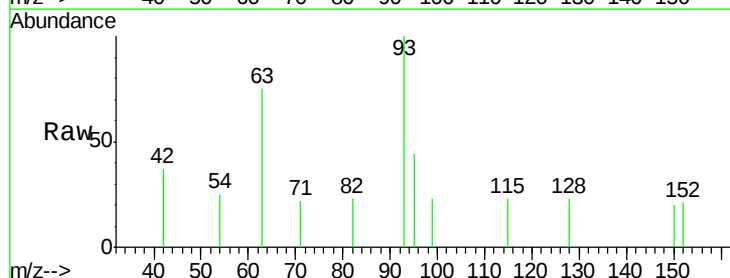
Tgt Ion: 93 Resp: 666

Ion Ratio Lower Upper

93 100

63 71.0 71.6 107.4#

95 30.0 24.0 36.0



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.59

300

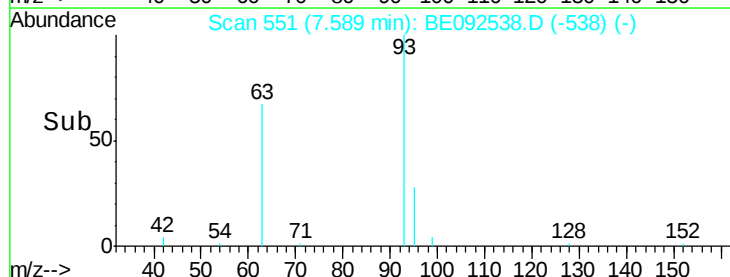
200

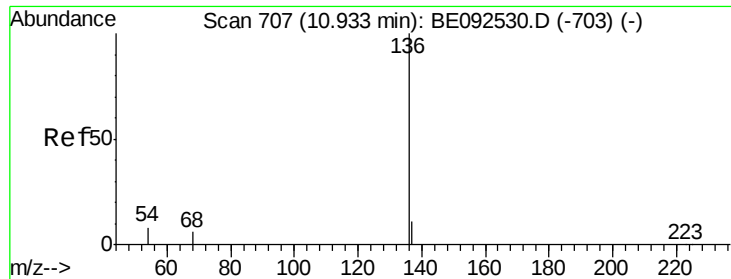
100

0

Time-->

7.50 7.60 7.70 7.80





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

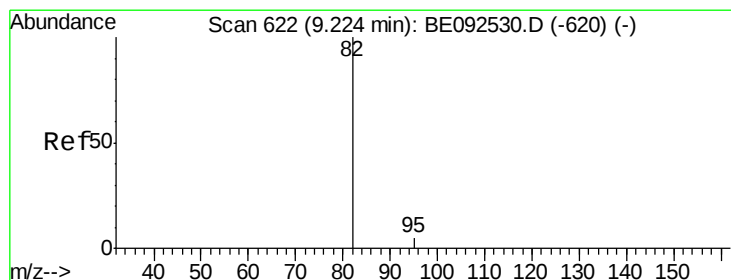
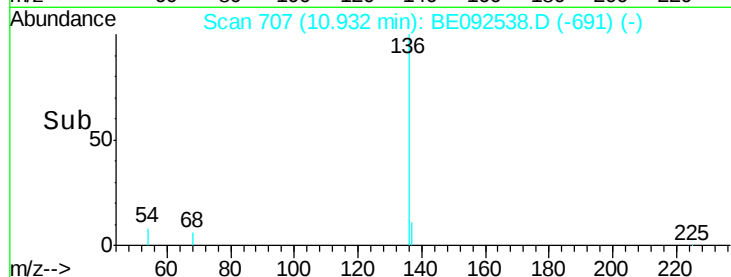
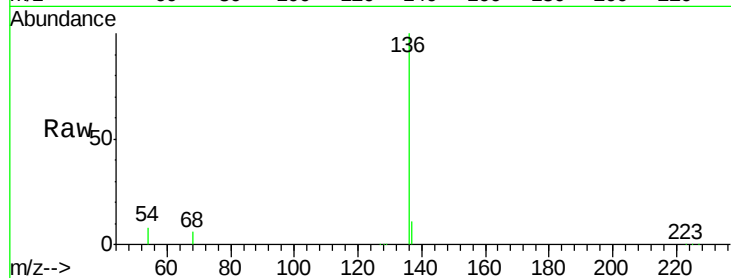
Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 35245 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.1  | 8.2   | 12.4  |
| 54       | 8.2   | 9.6   | 14.4# |
| 68       | 5.9   | 6.7   | 10.1# |



#8

Nitrobenzene-d5

Concen: 0.40 ng

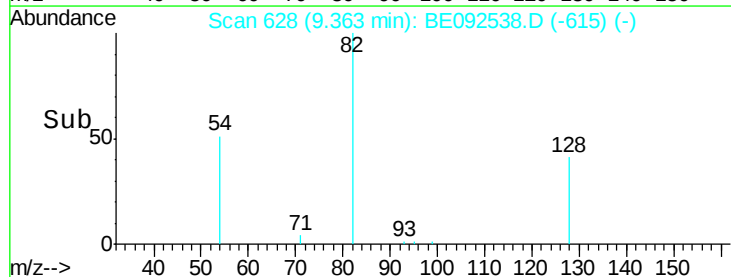
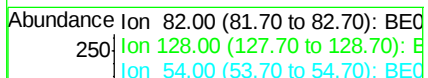
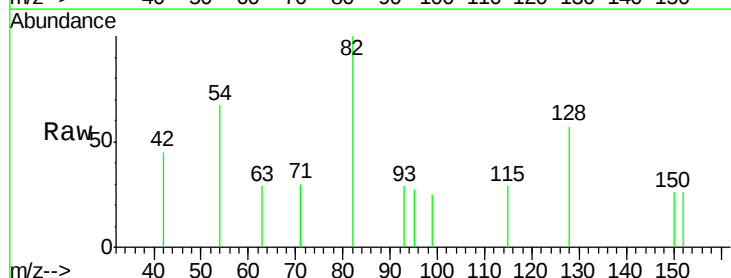
RT: 9.36 min Scan# 628

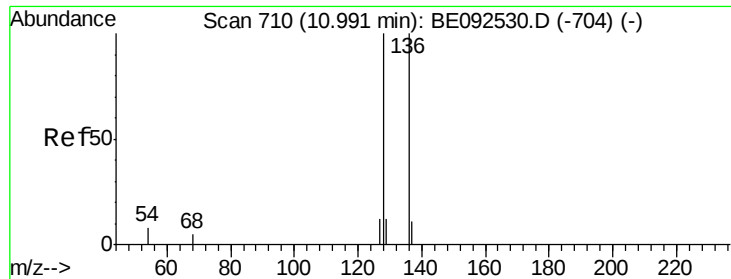
Delta R.T. 0.00 min

Lab File: BE092538.D

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 741   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 56.9  | 39.0  | 58.4  |
| 54       | 67.0  | 44.8  | 67.2  |





#9

Naphthalene

Concen: 0.40 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

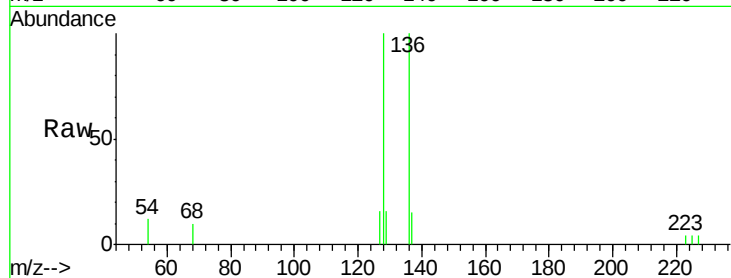
Tgt Ion:128 Resp: 2941

Ion Ratio Lower Upper

128 100

129 15.7 11.2 16.8

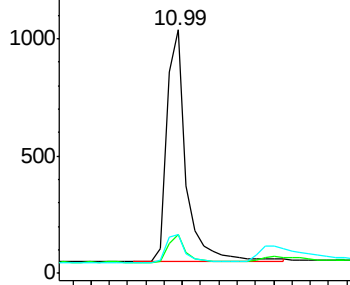
127 15.7 11.6 17.4



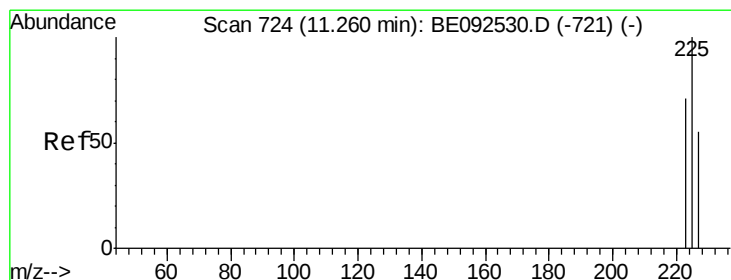
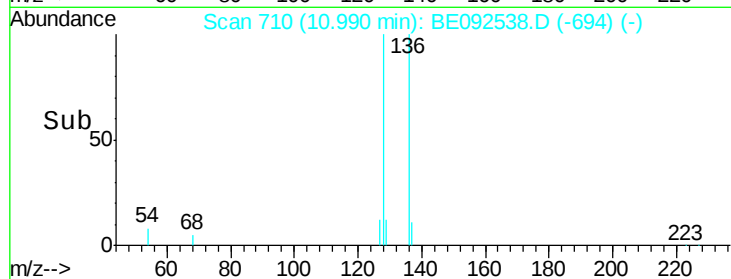
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#10

Hexachlorobutadiene

Concen: 0.42 ng

RT: 11.26 min Scan# 724

Delta R.T. -0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

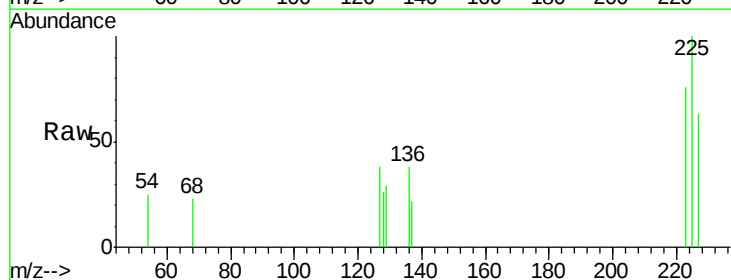
Tgt Ion:225 Resp: 461

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

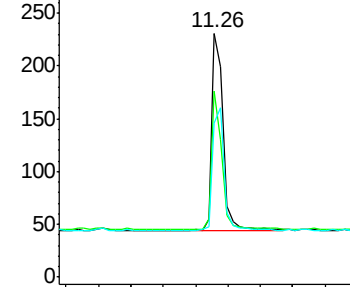
227 63.6 51.4 77.0



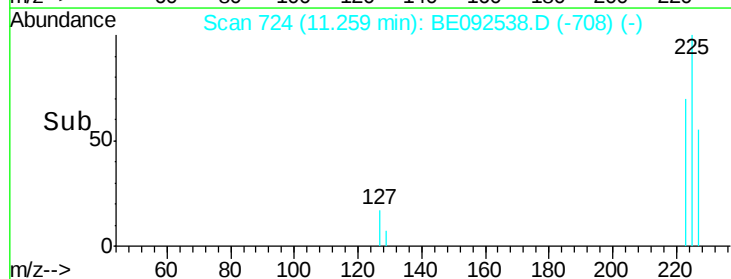
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#11

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

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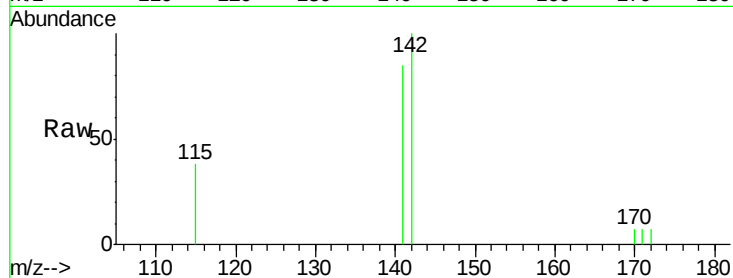
Tgt Ion:142 Resp: 1809

Ion Ratio Lower Upper

142 100

141 85.3 73.7 110.5

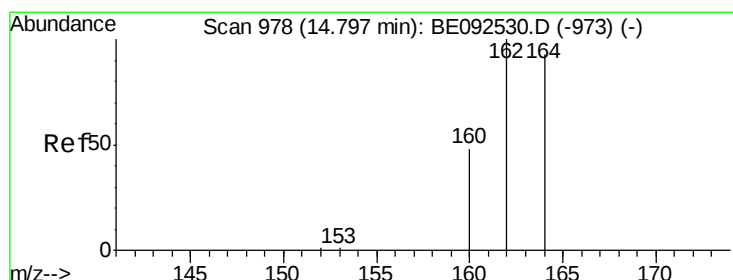
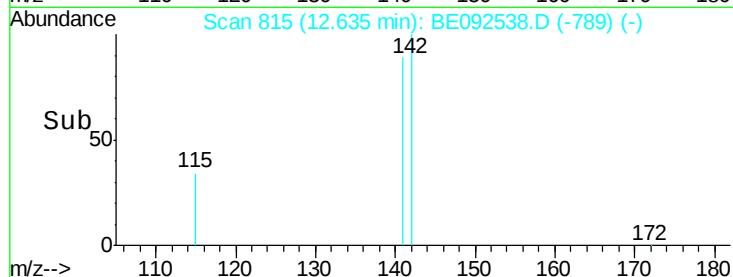
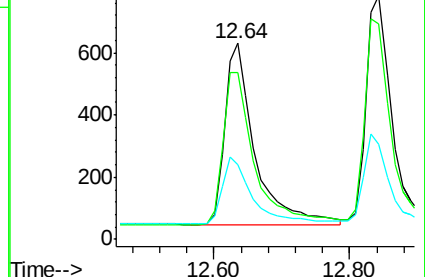
115 38.2 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

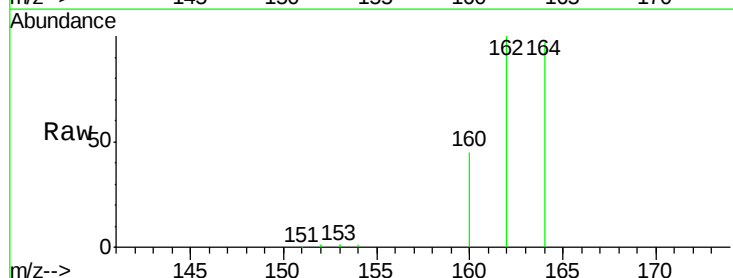
Tgt Ion:164 Resp: 24867

Ion Ratio Lower Upper

164 100

162 103.2 71.4 107.0

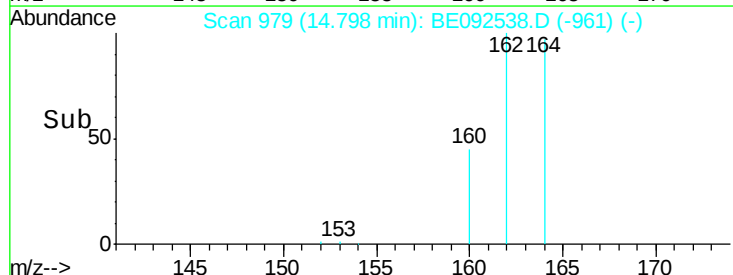
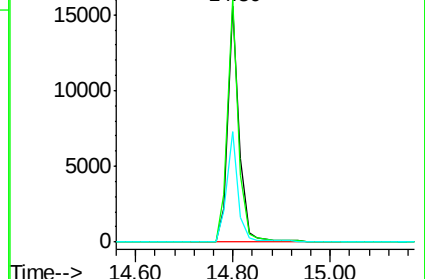
160 46.9 27.4 41.2#

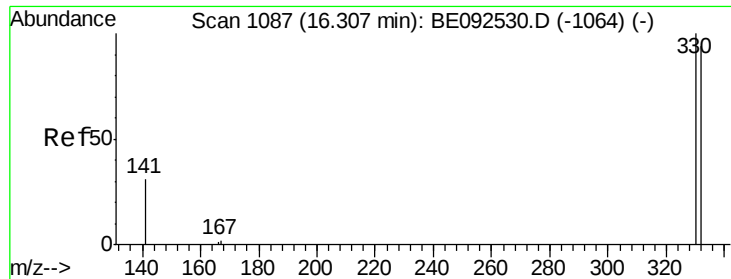


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

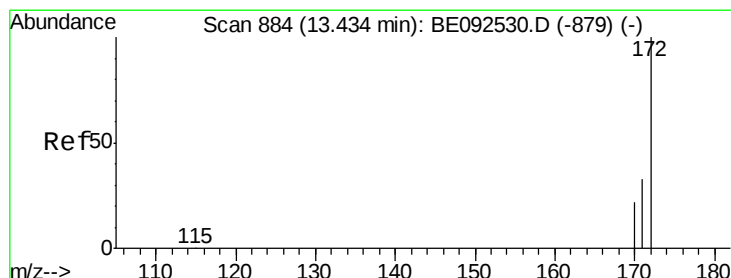
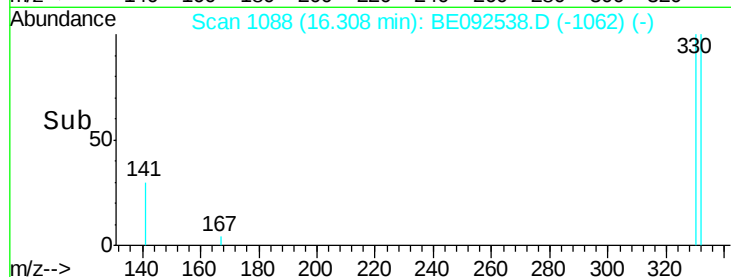
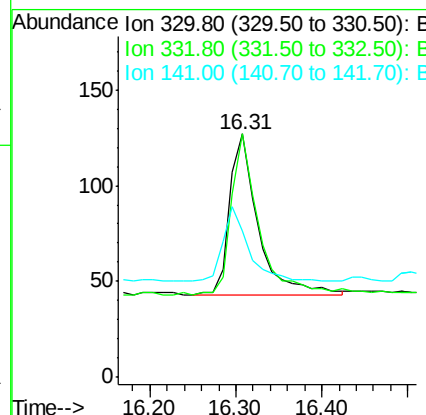
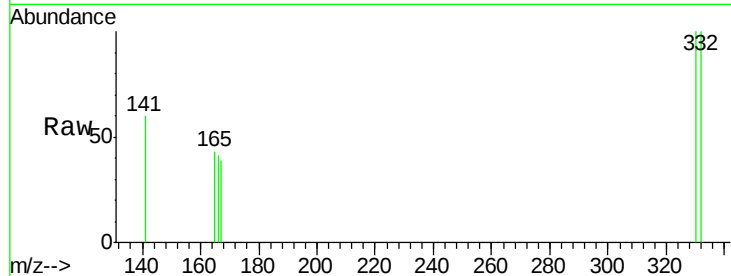




#13  
 2,4,6-Tribromophenol  
 Concen: 0.35 ng  
 RT: 16.31 min Scan# 1088  
 Delta R.T. 0.00 min  
 Lab File: BE092538.D  
 Acq: 16 Nov 2016 17:51

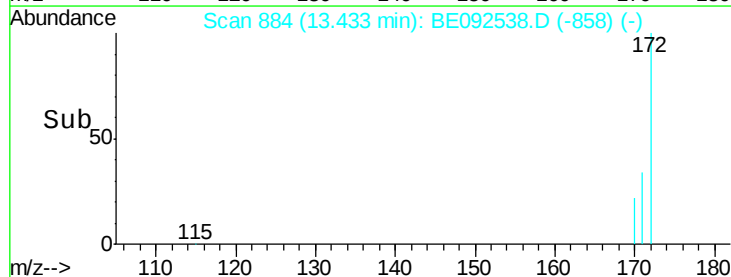
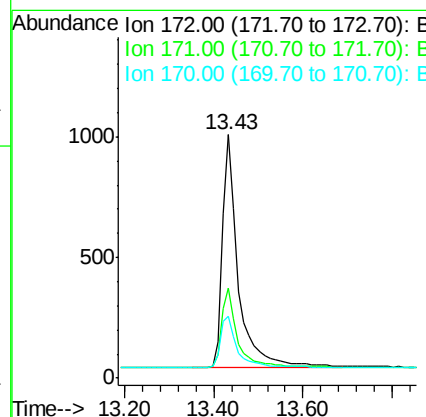
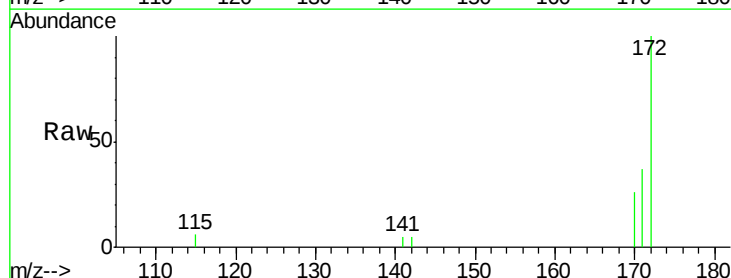
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

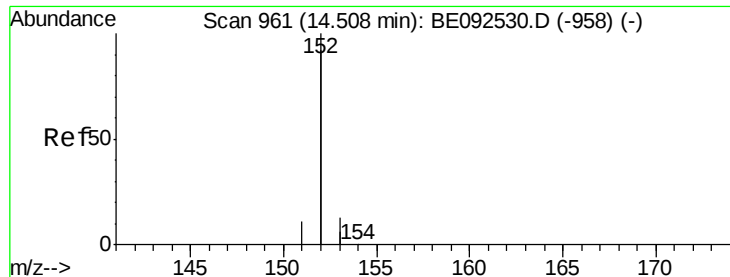
Tgt Ion: 330 Resp: 194  
 Ion Ratio Lower Upper  
 330 100  
 332 100.0 75.4 113.0  
 141 41.8 31.0 46.6



#14  
 2-Fluorobiphenyl  
 Concen: 0.40 ng  
 RT: 13.43 min Scan# 884  
 Delta R.T. -0.00 min  
 Lab File: BE092538.D  
 Acq: 16 Nov 2016 17:51

Tgt Ion: 172 Resp: 2406  
 Ion Ratio Lower Upper  
 172 100  
 171 37.2 30.1 45.1  
 170 25.6 21.8 32.6





#15

Acenaphthylene

Concen: 0.38 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

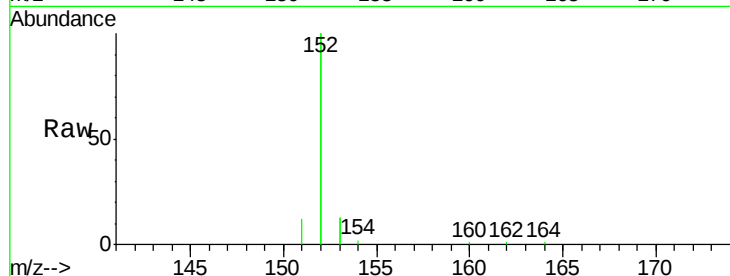
Tgt Ion:152 Resp: 13176

Ion Ratio Lower Upper

152 100

151 5.1 3.9 5.9

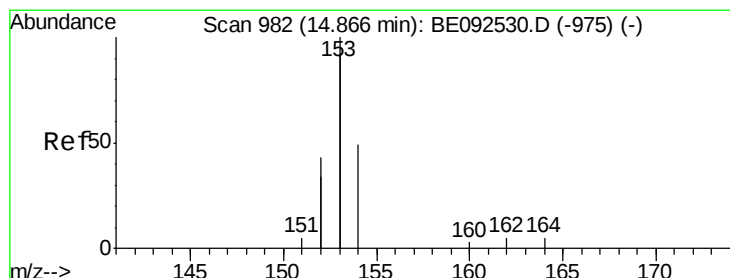
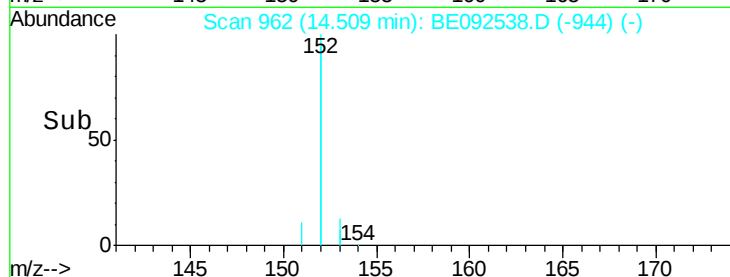
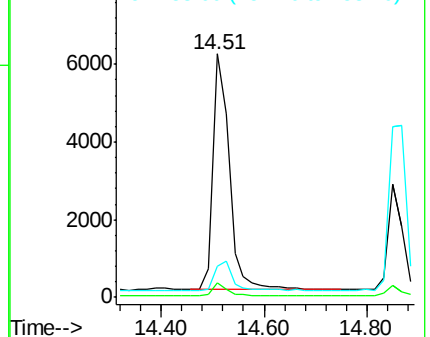
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.39 ng

RT: 14.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

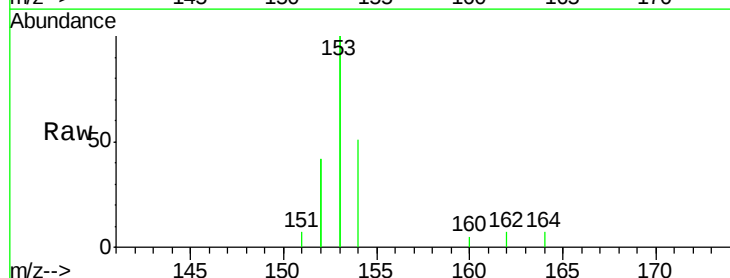
Tgt Ion:154 Resp: 2218

Ion Ratio Lower Upper

154 100

153 445.3 350.8 526.2

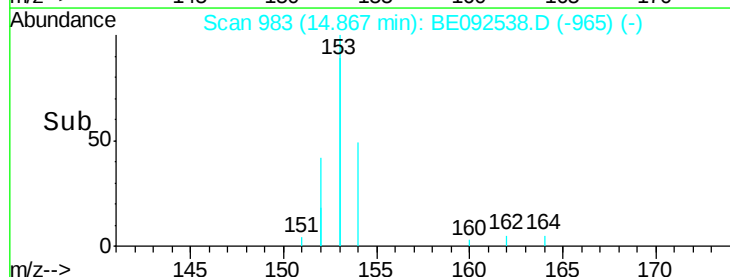
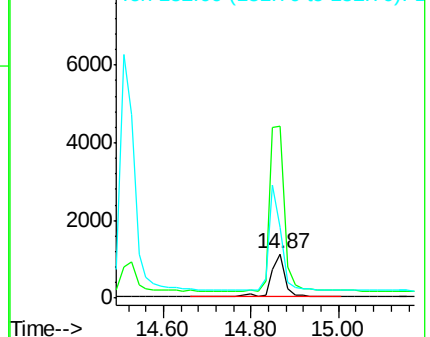
152 235.0 171.1 256.7

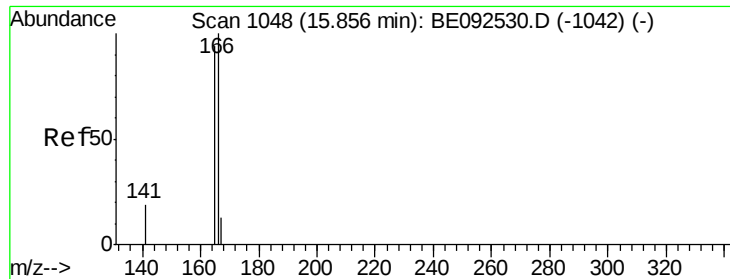


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

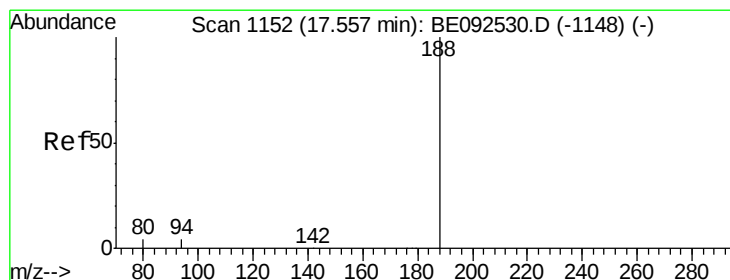
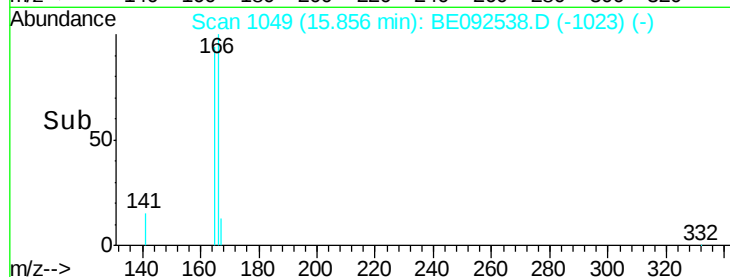
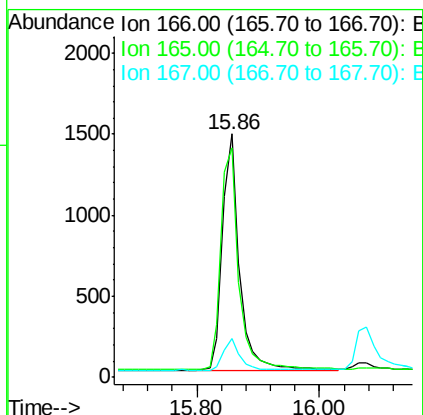
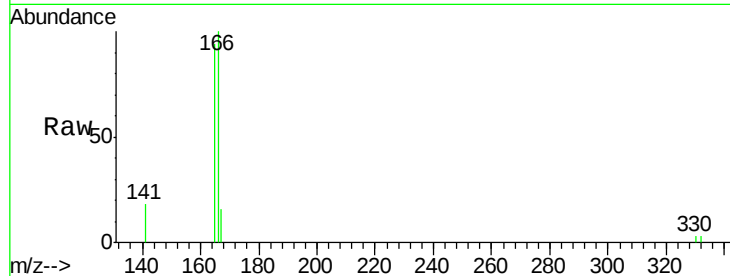




#17  
**Fluorene**  
 Concen: 0.39 ng  
 RT: 15.86 min Scan# 1049  
 Delta R.T. 0.00 min  
 Lab File: BE092538.D  
 Acq: 16 Nov 2016 17:51

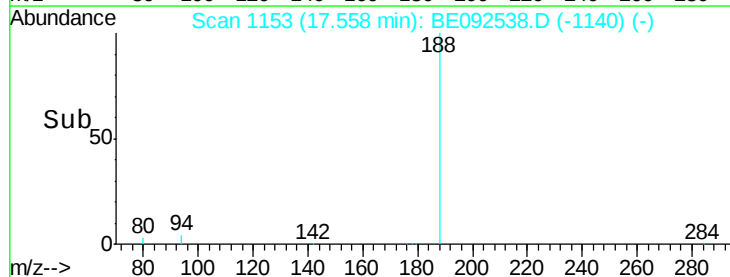
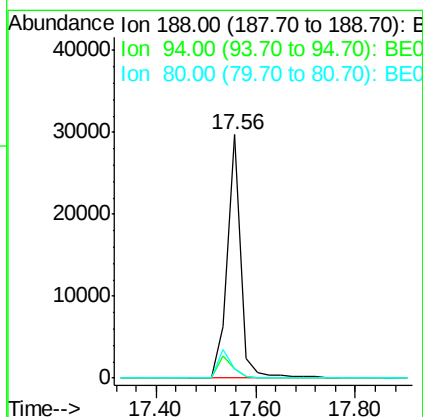
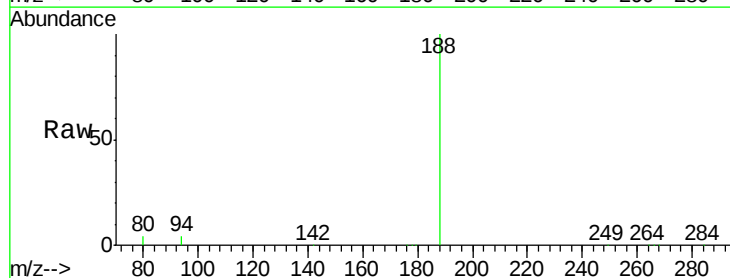
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

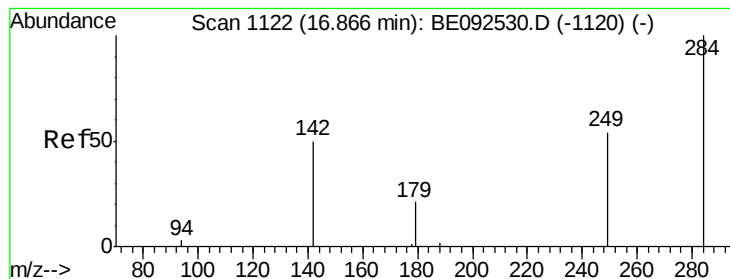
Tgt Ion:166 Resp: 2761  
 Ion Ratio Lower Upper  
 166 100  
 165 99.4 78.2 117.4  
 167 13.0 11.0 16.4



#18  
**Phenanthrene-d10**  
 Concen: 5.00 ng  
 RT: 17.56 min Scan# 1153  
 Delta R.T. 0.00 min  
 Lab File: BE092538.D  
 Acq: 16 Nov 2016 17:51

Tgt Ion:188 Resp: 55313  
 Ion Ratio Lower Upper  
 188 100  
 94 4.1 3.2 4.8  
 80 3.6 2.6 3.8





#19

Hexachlorobenzene

Concen: 0.50 ng

RT: 16.87 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

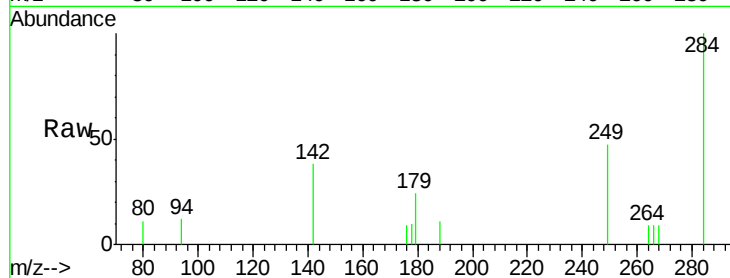
Tgt Ion:284 Resp: 1085

Ion Ratio Lower Upper

284 100

142 42.9 29.1 43.7

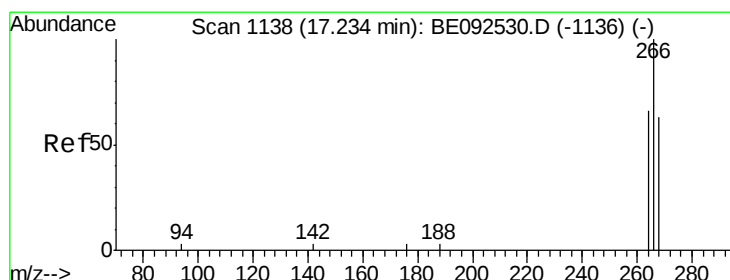
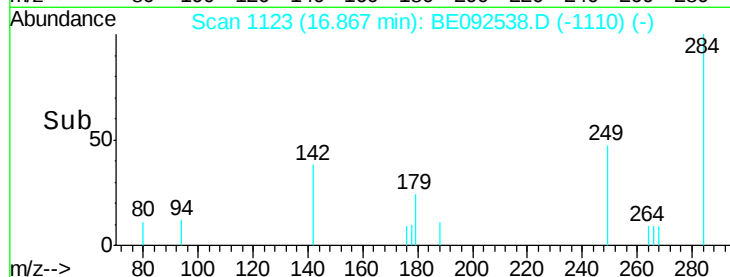
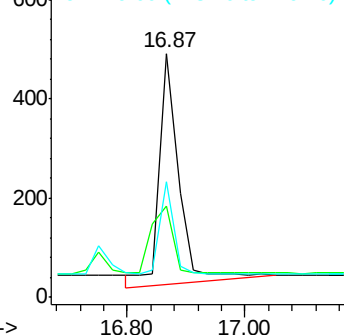
249 44.6 27.9 41.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#20

Pentachlorophenol

Concen: 0.52 ng

RT: 17.24 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

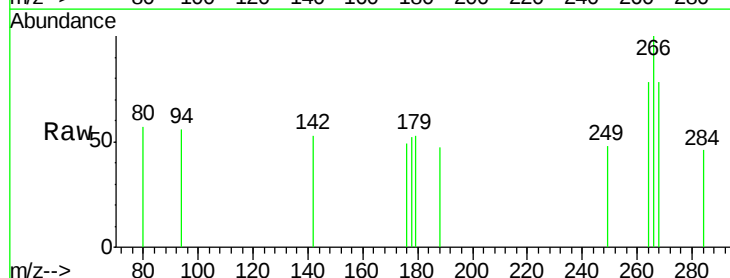
Tgt Ion:266 Resp: 178

Ion Ratio Lower Upper

266 100

268 77.9 62.5 93.7

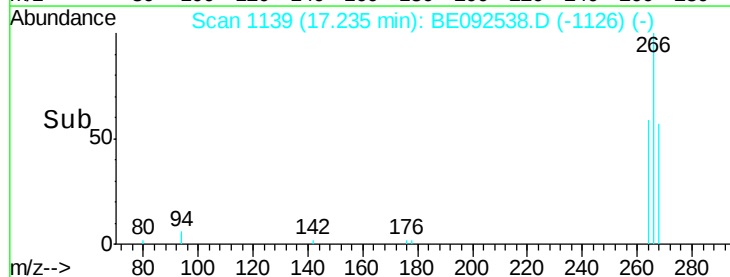
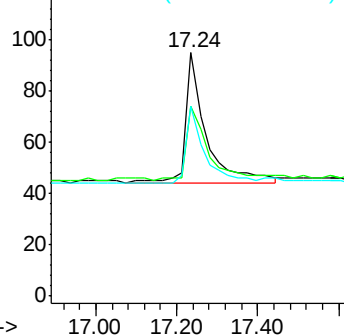
264 77.9 57.2 85.8

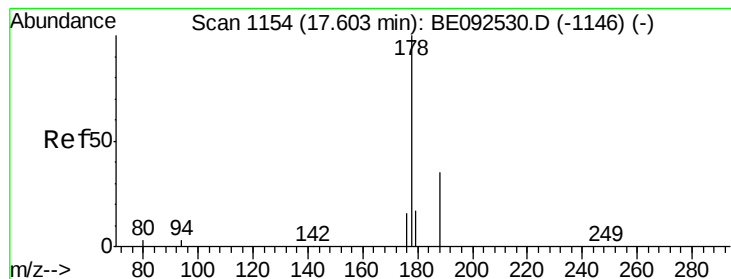


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.41 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

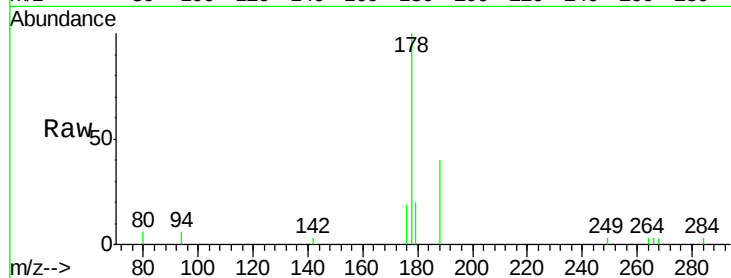
Tgt Ion:178 Resp: 5045

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

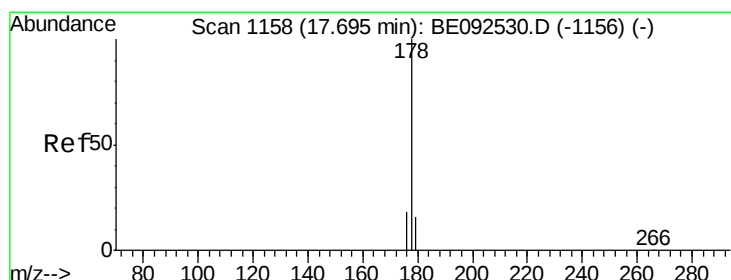
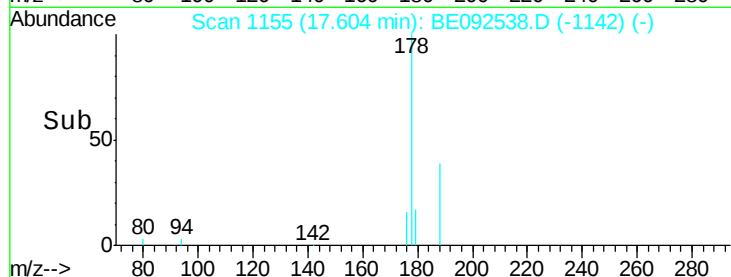
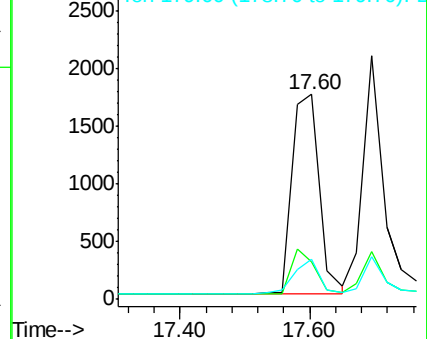
179 16.0 16.0 24.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 0.40 ng

RT: 17.70 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

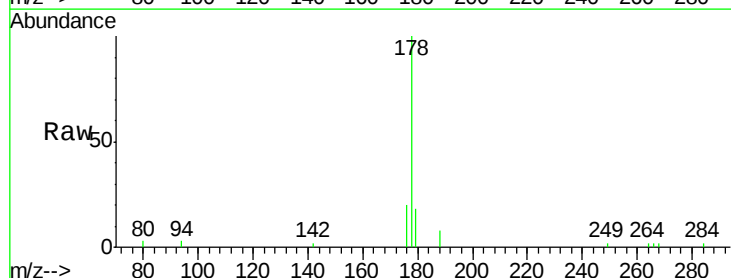
Tgt Ion:178 Resp: 4655

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

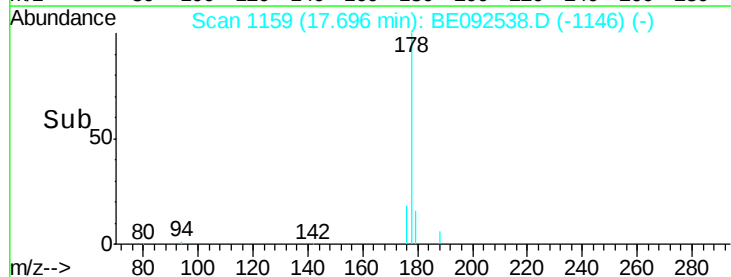
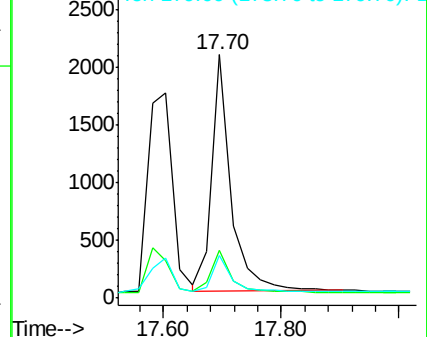
179 16.1 12.2 18.2

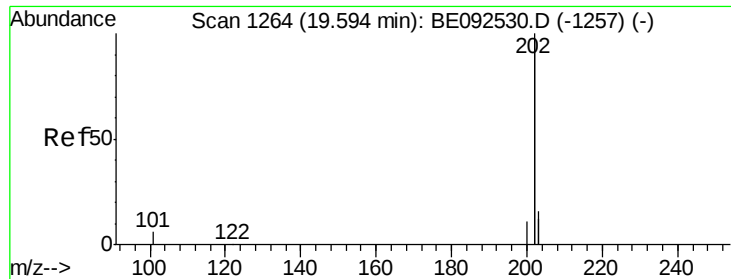


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.40 ng

RT: 19.59 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

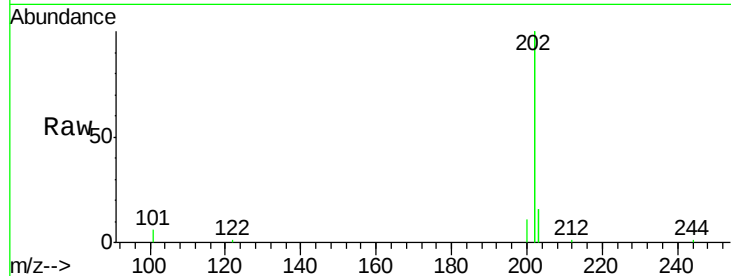
Tgt Ion:202 Resp: 23213

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

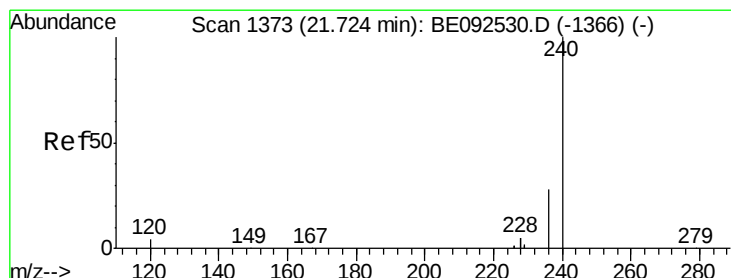
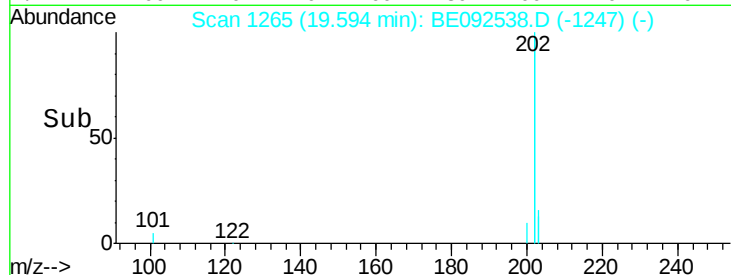
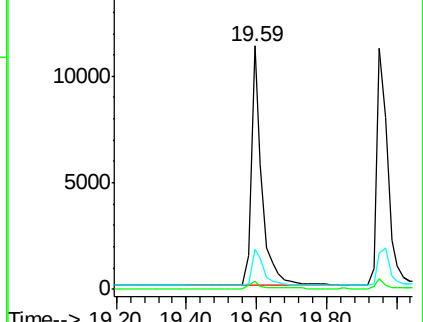
203 17.5 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

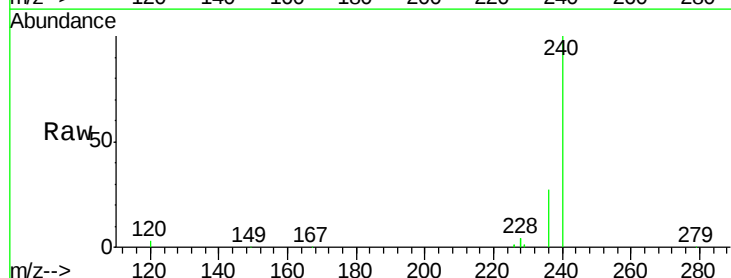
Tgt Ion:240 Resp: 81948

Ion Ratio Lower Upper

240 100

120 2.7 2.6 4.0

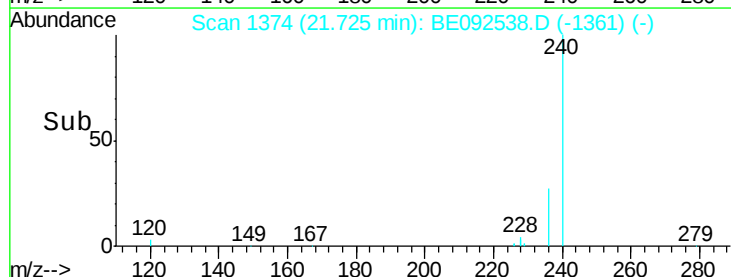
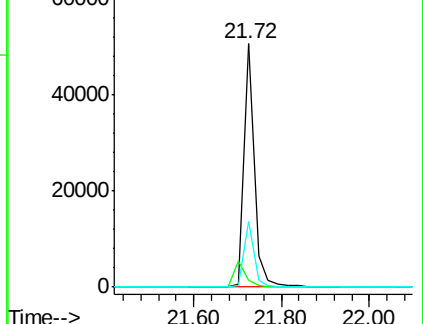
236 27.2 24.6 37.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 0.37 ng

RT: 19.95 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

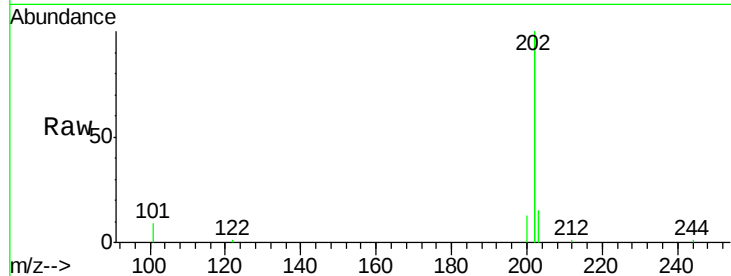
Tgt Ion:202 Resp: 24256

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

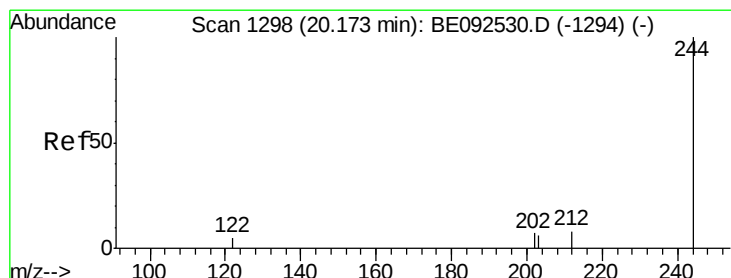
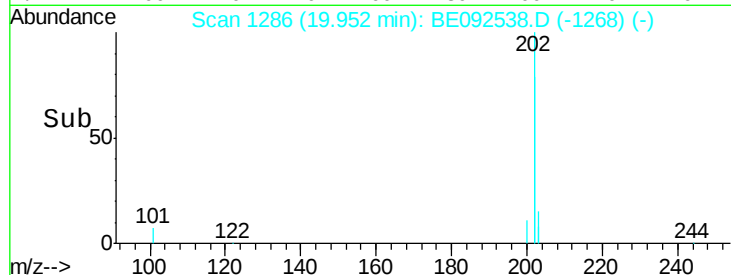
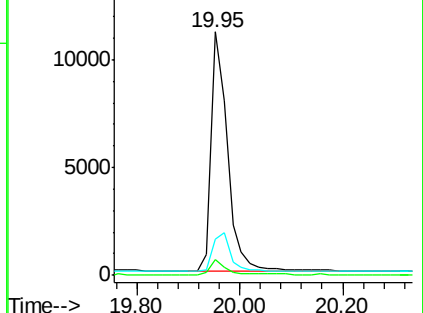
203 17.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 0.37 ng

RT: 20.17 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

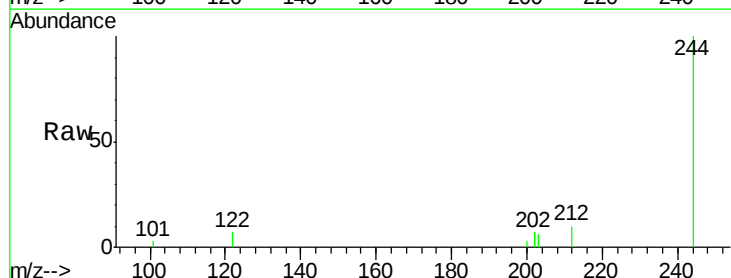
Tgt Ion:244 Resp: 3496

Ion Ratio Lower Upper

244 100

212 9.7 6.7 10.1

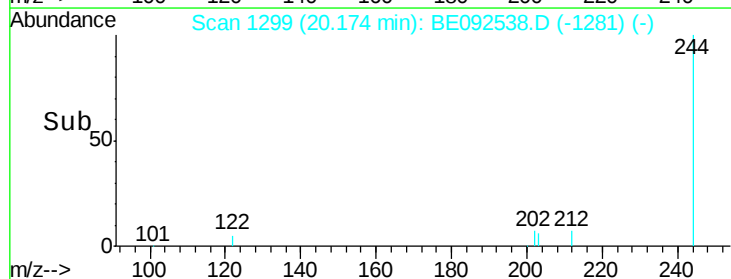
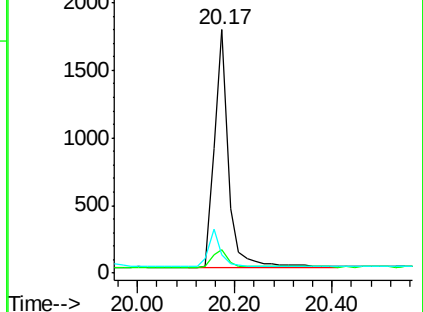
122 7.3 3.6 5.4#

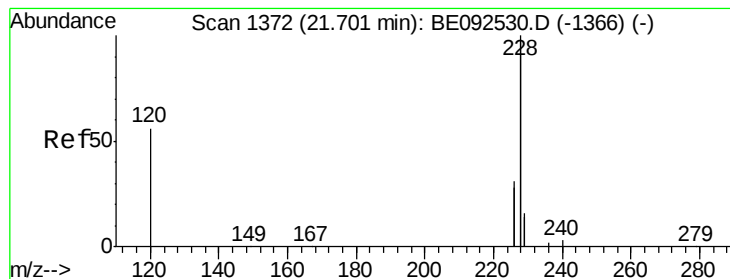


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.81 ng

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

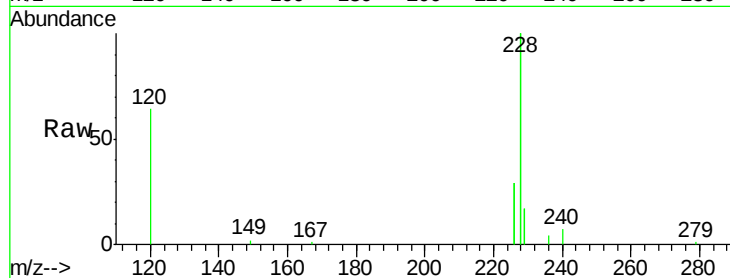
Tgt Ion:228 Resp: 56383

Ion Ratio Lower Upper

228 100

226 29.1 23.6 35.4

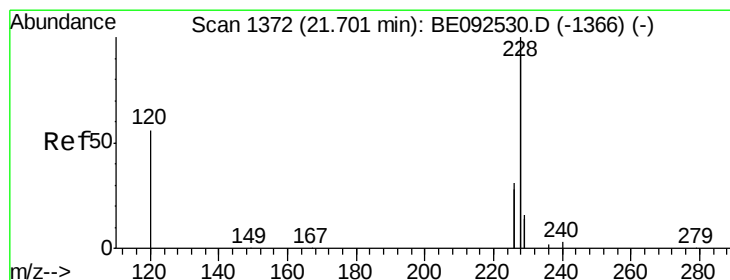
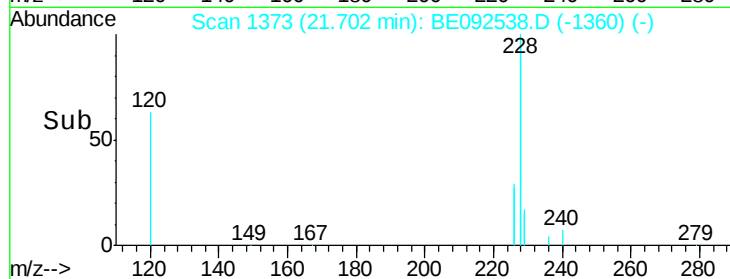
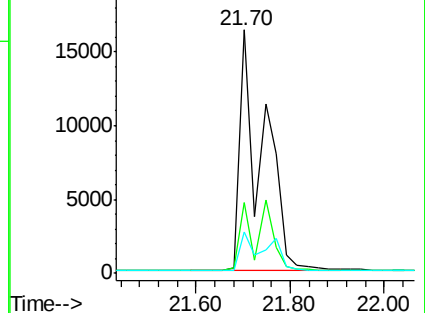
229 16.9 13.3 19.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#28

Chrysene

Concen: 0.81 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.07 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

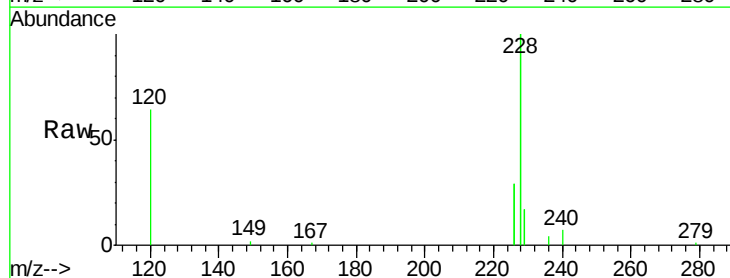
Tgt Ion:228 Resp: 56692

Ion Ratio Lower Upper

228 100

226 29.1 36.3 54.5#

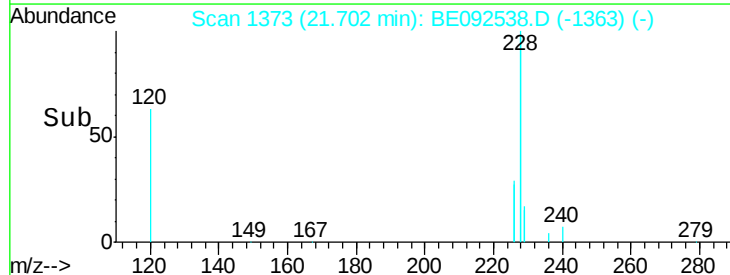
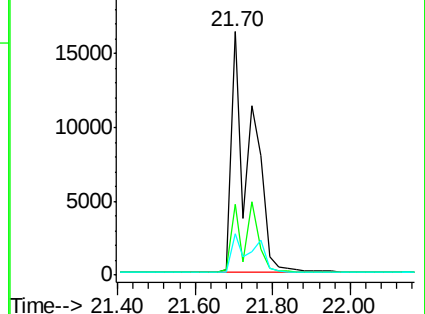
229 16.9 10.6 16.0#

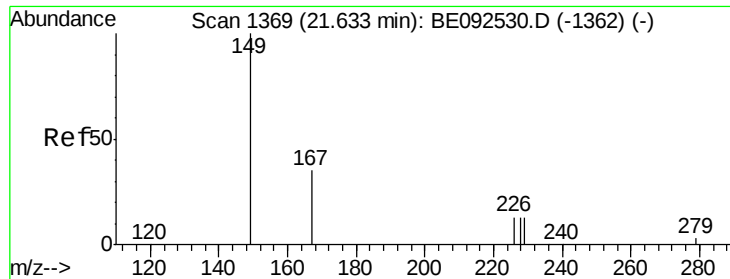


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.44 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

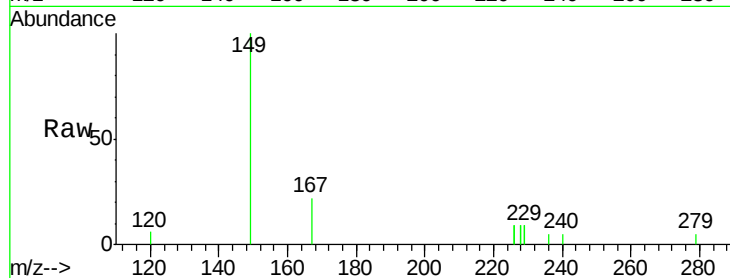
Tgt Ion:149 Resp: 1765

Ion Ratio Lower Upper

149 100

167 25.0 16.0 24.0#

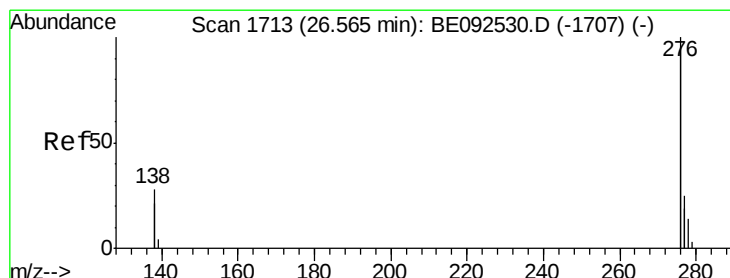
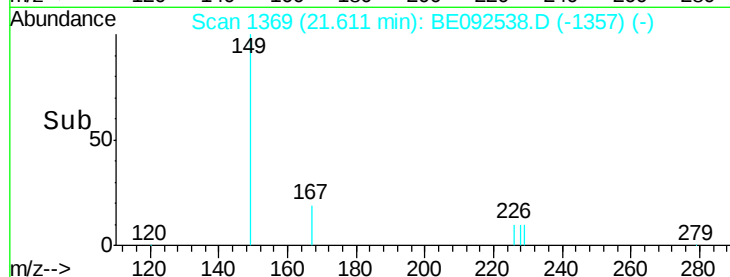
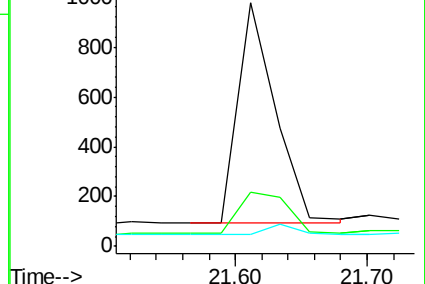
279 0.0 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.42 ng

RT: 26.56 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

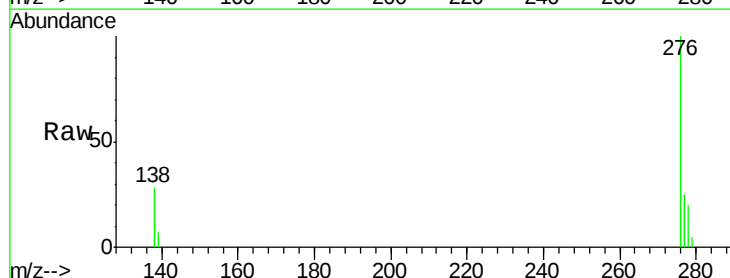
Tgt Ion:276 Resp: 28801

Ion Ratio Lower Upper

276 100

138 27.3 20.3 30.5

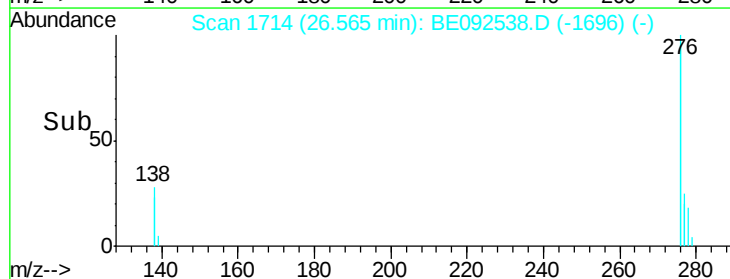
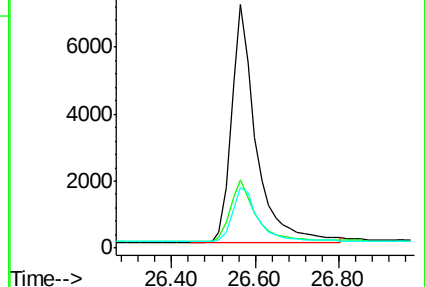
277 24.8 19.7 29.5

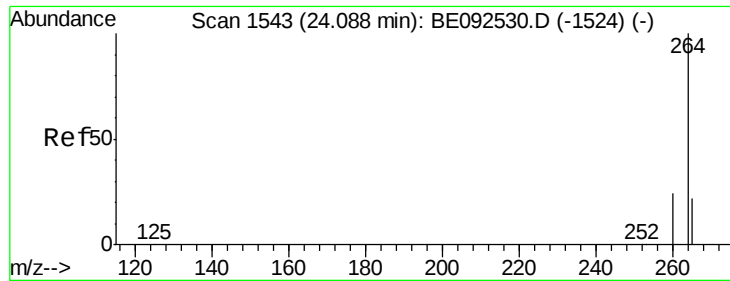


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

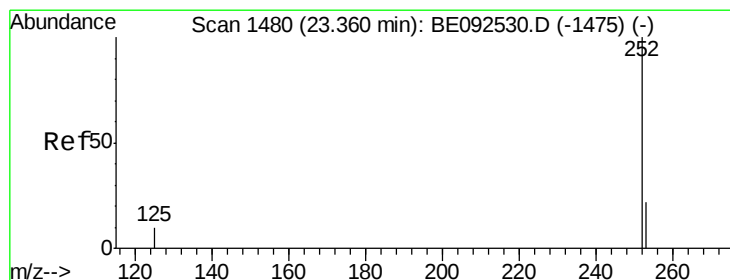
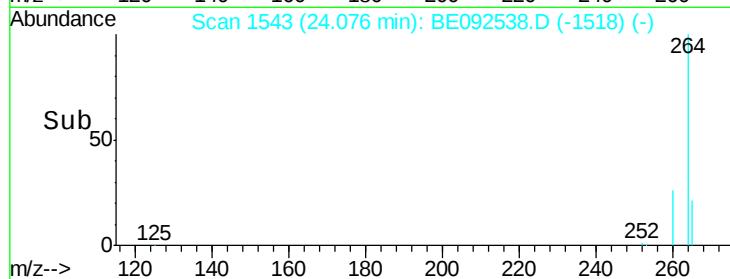
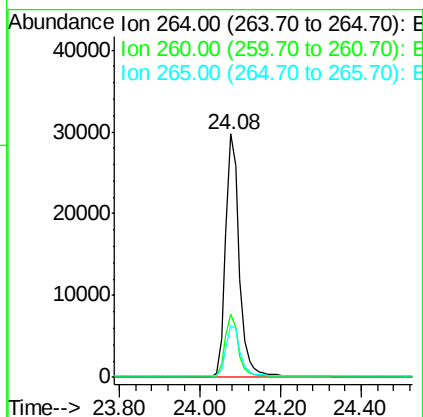
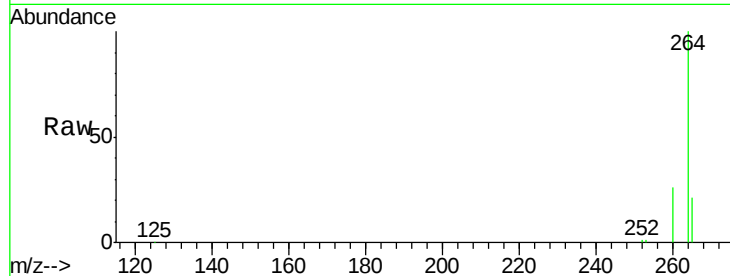




#31  
**Perylene-d12**  
 Concen: 5.00 ng  
 RT: 24.08 min Scan# 1543  
 Delta R.T. -0.01 min  
 Lab File: BE092538.D  
 Acq: 16 Nov 2016 17:51

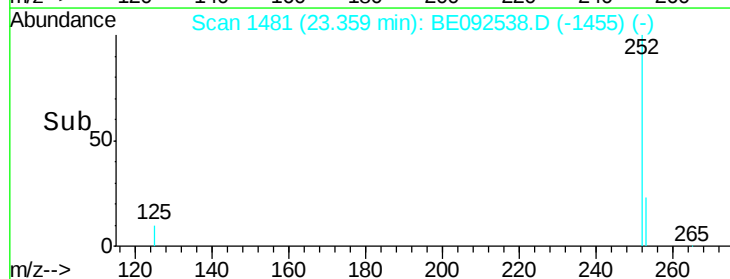
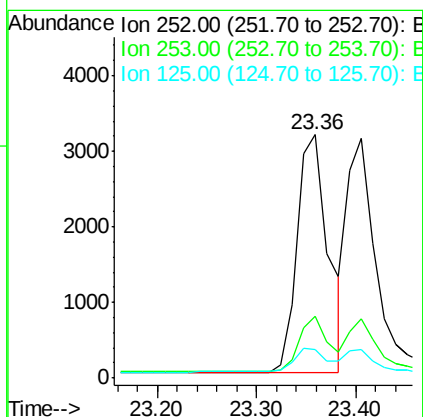
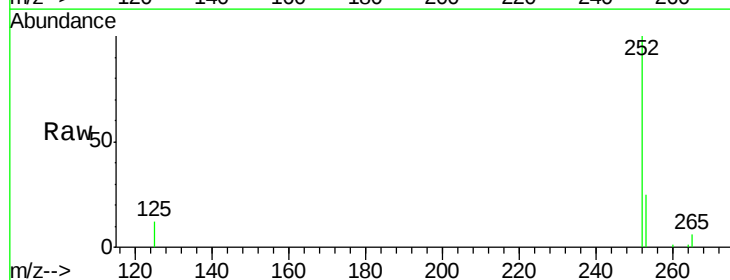
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion: 264 Resp: 70413  
 Ion Ratio Lower Upper  
 264 100  
 260 25.7 20.1 30.1  
 265 21.1 17.9 26.9



#32  
**Benzo(b)fluoranthene**  
 Concen: 0.40 ng  
 RT: 23.36 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: BE092538.D  
 Acq: 16 Nov 2016 17:51

Tgt Ion: 252 Resp: 6895  
 Ion Ratio Lower Upper  
 252 100  
 253 25.2 18.7 28.1  
 125 12.0 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.41 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

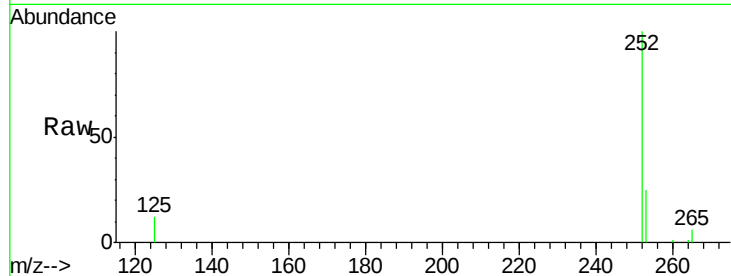
Tgt Ion:252 Resp: 6582

Ion Ratio Lower Upper

252 100

253 24.9 20.3 30.5

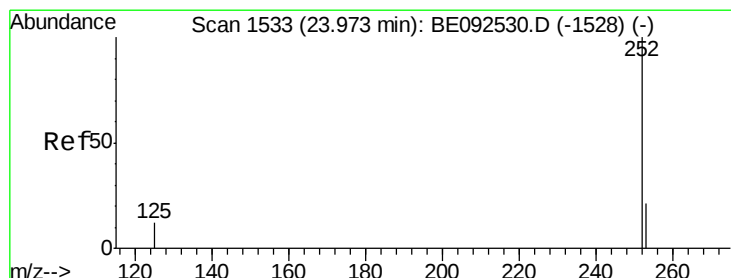
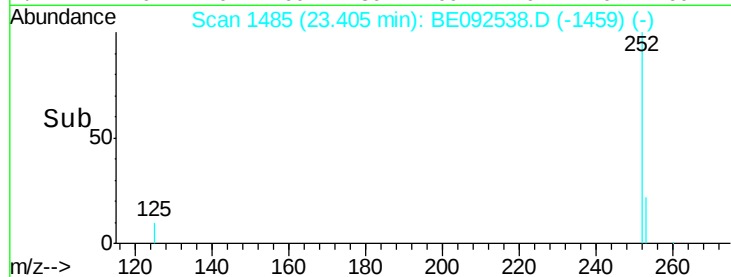
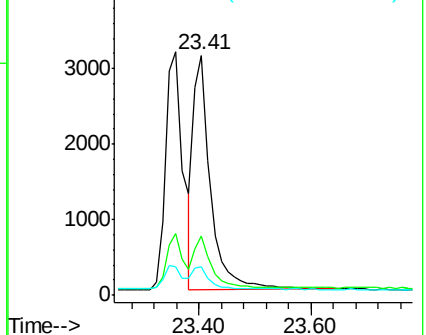
125 12.0 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(a)pyrene

Concen: 0.37 ng

RT: 23.97 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

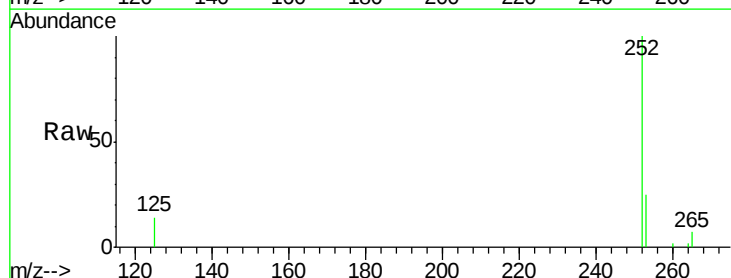
Tgt Ion:252 Resp: 5858

Ion Ratio Lower Upper

252 100

253 25.0 19.0 28.6

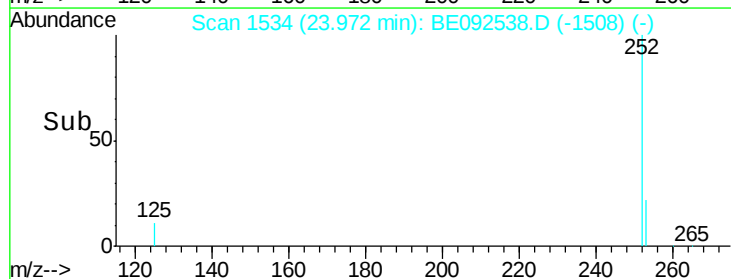
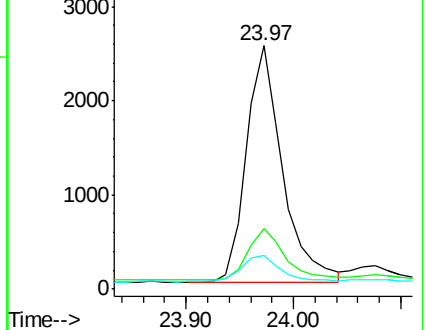
125 13.9 11.8 17.8

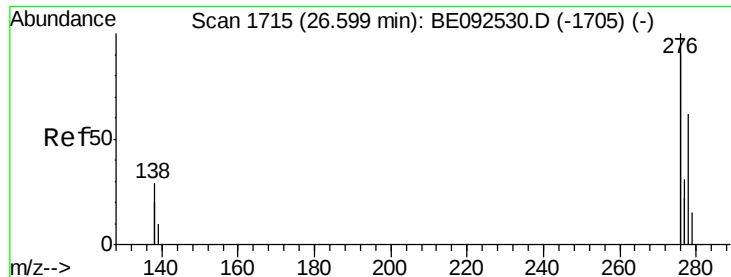


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.37 ng

RT: 26.58 min Scan# 1715

Delta R.T. -0.02 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

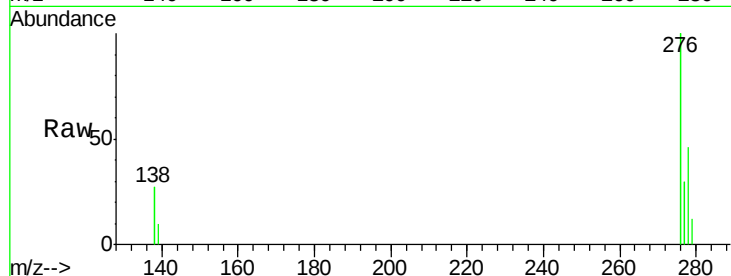
Tgt Ion:278 Resp: 5770

Ion Ratio Lower Upper

278 100

139 21.0 13.8 20.8#

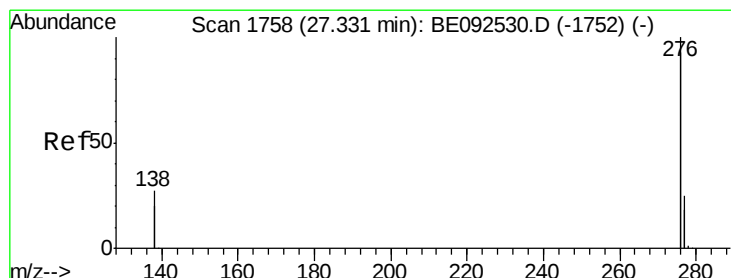
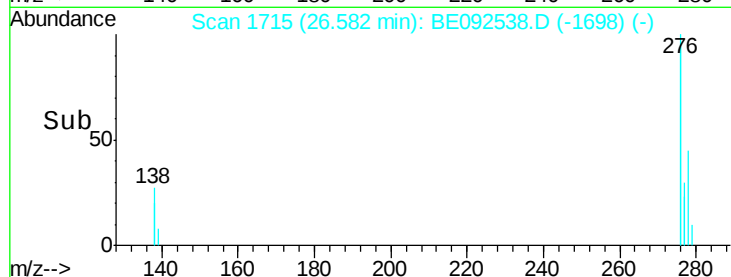
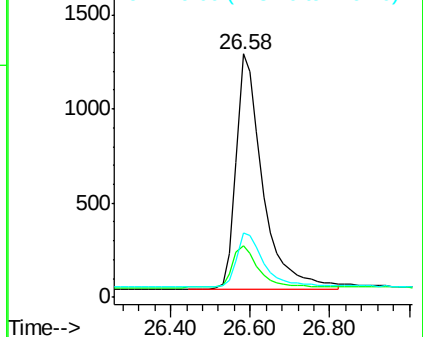
279 26.6 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 0.38 ng

RT: 27.33 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BE092538.D

Acq: 16 Nov 2016 17:51

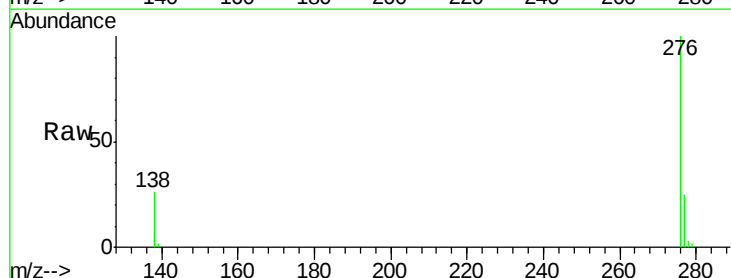
Tgt Ion:276 Resp: 25171

Ion Ratio Lower Upper

276 100

277 25.0 19.8 29.8

138 26.0 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

